



AVIONIC OPTICAL CABLES

AVNOC (Avionic Non-Kink Optical Cable)

Linden's avionic grade fiber optic cables are designed for the most rigorous avionic environment. We design our avionic cables to survive the perils of aircraft confines such as high temperature, high vibration and extreme flexing. Using our patented cable jacket construction designed to protect the fiber from harsh mechanical conditions; our cables are stronger, lighter and smaller than existing flight qualified cables.

TYPICAL SPECIFICATIONS

Number of Fibers	1-3 (or more)
Fiber Type	Single/Multi Mode/Bend Insensitive Large MFD
Cable Diameter	<2.0mm
Tensile Strength	50lb
Minimum Bend Radius	25 mm
Attenuation @ 1310 nm	< 1 dB/km
Attenuation @ 1550 nm	< 1 dB/km
Operating Temperature	-55 ⁰ C to 160 ⁰ C



FIBER TYPE

Singlemode Standard	A
Singlemode Low Bendloss	B
Multimode 50/125	C
Multimode 62.5/125	D
Custom	X

BUFFER TYPE

Silicone	A
High Temp. Acrylate	B
Polyimide	D
Custom	X

TEMPERATURE RATING

100 °C	A
150 °C	B
200 °C	C
260 °C	D
Other	X





MULTIPLE CABLE CONFIGURATIONS AVAILABLE

Simplex
Ribbonized
Multiple Fibers Channels
Custom or Hybrid Configurations Upon Request



CONNECTORIZATION OF CABLES

AVIM	A	DIN	E
SC	B	E-2000	F
LC	C	D38999	G
FC	D	Other	X

ASSEMBLY PART NUMBER

